

Appendix 4, Transportation Management

Primary Agency	Illinois Department of Transportation (IDOT)
Support Agencies	Illinois Commerce Commission (ICC) Illinois Department of Central Management Services (CMS) Illinois Department of Natural Resources (IDNR) Illinois Department of Revenue (IDOR) Illinois Environmental Protection Agency (IEPA) Illinois National Guard (ILNG) Illinois Secretary of State (SOS) Illinois State Police (ISP)
Other Organizations:	Illinois Public Works Mutual Aid Network (IPWMAN)

I. Introduction

A. Purpose

1. To establish strategic and operational guidance necessary for the protection, utilization, re-establishment and restoration of critical modes of transportation through implementation of agency specific tactical plans.

B. Scope

1. For the purposes of this appendix, transportation is defined as the movement of resources using publicly and privately owned ground, air, water and rail infrastructure.
2. Critical modes of transportation addressed may extend beyond the geographical boundaries of the state through established mutual aid agreements and dependent systems.
3. Laws, rules, regulations and policies of the United States government and agencies involved in risk management, assessment, protective measures and prevention activities for critical transportation are considered valid and/or applicable within the state of Illinois.
4. For the purposes of this appendix, transportation management includes, but is not limited to, the following:
 - a) Rapid assessment of damages to transportation systems;
 - b) Identification and implementation of actions to establish alternate ingress and egress routes;
 - c) Immediate actions necessary to open, close and operate highway systems;

- d) Actions to establish communication links within impacted areas;
 - e) Coordination of movement of resources within Illinois to effect implementation of agency specific response plans; and
 - f) Implementation of response criteria for all IDOT districts.
- 5. This appendix does not replace or supersede IEOP Annex 4, Transportation or its appendices, but acts as a supplement for earthquake specific requirements for response and recovery operations.
- 6. This appendix does not address the following:
 - a) Tactical response to all potential incidents resulting from an earthquake.
 - b) Pipeline mode of transportation, found in IEOP Annex 15, Energy Management.
 - c) Aviation Support mode of transportation, found in IEOP Annex 4, Appendix 1, Disaster Aviation.
 - d) Defense Support to Civil Authorities, found IEOP Annex 27, Military Coordination.

C. Policy

- 1. Procedures for utilization, control and use of state resources will incorporate and/or consider operational priorities that include, but are not limited to, the protection of life, public health and safety, property protection, environmental protection, restoration of essential utilities, restoration of essential program functions and coordination as appropriate.
- 2. The governor or designee will authorize and direct the use of state resources to provide support and assistance to response and recovery efforts after consideration of both priority of need and cost.
- 3. The governor or designee(s) will authorize waivers of certain restrictions, in accordance with IEOP Annex 4, Transportation, Appendix X-3, Waivers and Exemptions.
- 4. Transportation personnel will be trained for assigned missions and, to the extent possible, made aware of potential risks involved.

D. Situation Overview

1. An earthquake(s) has occurred resulting in damage to transportation infrastructure, disruption of day-to-day activities, and a threat to life-safety across one or more impacted areas including effects on:
 - a) Interstates, Federal and State Highways
 - b) Bridges - Highway/ Railway
 - c) Airports
 - d) Maintenance facilities/Rest Areas
 - e) District offices
 - f) Communication sites
2. Management of state resources and the implementation of the IDOT Earthquake Preparedness, Response and Recovery Plan are required.
 - a) IDOT resources throughout the state are implementing missions and tasks directed through the IDOT command staff and department activated District Emergency Operations Centers (IDOT-DEOC).

E. Assumptions

1. An earthquake magnitude of 4.5 or greater has occurred, resulting in the implementation of the IDOT Earthquake Preparedness, Response and Recovery Plan.
2. Local jurisdiction resources are fully engaged in assessing damage to locally maintained and controlled modes of transportation.
3. Private sector organizations will conduct damage assessments of owner-controlled transportation infrastructure.
4. Rapid damage assessment of the disaster area will be required.
5. Waivers and exemptions will be required in accordance with Illinois statutes.
6. Mutual aid and/or federal resources will be requested.
7. Alternative routing is required to ensure unimpeded flow of state allocated goods, materials and commodities.
8. Immediate or spontaneous deployment of resources will impede coordinated efforts to open, close and operate transportation modes.
9. Secondary effects will include injuries and fatalities, hazardous materials spills, fire and the loss of other life essential infrastructure due to their proximity or reliance on transportation systems.

10. State agency response will be hindered due to secondary effects associated with an earthquake.
11. The loss of other critical infrastructure will impede identification and reporting of damage and resource capability and capacity.
12. Responding personnel will care for family members and property prior to deploying to state approved missions, delaying initial response and recovery efforts.

II. Concept of Operations

A. General

1. IDOT will implement the IDOT Earthquake Preparedness, Response and Recovery Plan for earthquakes of 4.5 magnitude or greater.
2. IDOT may implement the IDOT Earthquake Preparedness, Response and Recovery Plan for an earthquake of less than 4.5 magnitude based on coordination between any district and IDOT Station One.
3. SEOC will monitor situation and notify SEOC Liaisons and IEMA senior staff of 4.0-4.4 magnitude earthquakes in Illinois, northern Kentucky, western Indiana or southeastern Missouri.
4. SEOC will respond at 4.5 or higher magnitude in Illinois, northern Kentucky, western Indiana or southeastern Missouri. Level of response to be determined by IEMA director and SEOC manager based on scope and magnitude of the event.
5. Transportation route plans for primary corridors and modes will be implemented within 48 hours to ensure transportation capacity is available for organizations having a role in response and recovery.
6. Establish secure corridors within 72 hours for the activation and deployment of public and private emergency service resources.
7. Enhance, mobilize and deliver resources within 96 hours to affected area(s) for prioritized task force response to save lives, meet basic human-needs, stabilize transportation infrastructure and begin transition to recovery.
8. In the event of an aftershock measuring 4.5 or greater, personnel assigned to inspection of routes for damage, will reassess all previous inspections for signs of new damage, in accordance with the IDOT Earthquake Preparedness, Response and Recovery Plan.

B. Operational Priorities

1. The state will apply strategic priorities to determine the ability to open and allow access to transportation corridors for:

- a) Life-safety / Search and Rescue
- b) Temporary Restoration of Critical Infrastructure (Order of Priority)
 - 1) Power restoration
 - 2) Communications
 - 3) Waste water treatment facilities and equipment
 - 4) Potable water
 - 5) Transportation
- c) Debris removal to effect higher priority missions
 - 1) Main transportation and evacuation routes
 - 2) Secondary transportation routes and staging areas
 - 3) Tertiary transportation routes and staging areas
- d) Implementation and maintenance of site security
- e) Population Related Disaster Services
- f) Permanent debris removal and relocation not required for immediate life, safety, and evacuation missions
 - 1) Debris categorization
 - 2) Debris Estimation
 - 3) Site Selection and Approval

C. Organization

1. Direction and Control

- a) IEMA, through the SEOC, retains overall coordination and management of state response and recovery in accordance with the IEMA Act.
- b) State agencies and mutual aid organizations activated by the SEOC will retain operational control of resources.
- c) For the purposes of IDOT, the following direction and control authorities and limitations are provided in accordance with the IDOT Earthquake Preparedness, Response and Recovery Plan.

- 1) The IDOT Station One/IDOT SEOC Liaison serves as the point of coordination for IDOT earthquake response and recovery.
- 2) The IDOT Regional Engineer serves as the authority for IDOT Region/District operations.
- 3) The District Operations Engineer oversees situational analysis; and develops and implements approved joint response and recovery strategies and plans.

2. Coordinating Elements

- a) SEOC notification, alert and warning of SEOC liaisons will be handled in accordance with IEOP Annex 3, Communications, Appendix X-1, Notification, Alert and Warning.
- b) Primary and support agencies are responsible for internal and support partner notification.
- c) IDOT will notify IEMA Telecommunications and/or the SEOC Manager upon implementation of the IDOT Earthquake Preparedness, Response and Recovery Plan or deployment of resources in response to an earthquake of any magnitude.
- d) For the purpose of this appendix, the following coordinating elements are provided in accordance with the IDOT Earthquake Preparedness, Response and Recovery Plan:
 - 1) The IDOT Regional Engineer directs and coordinates operations through the IDOT District Operations Engineer.
 - 2) The IDOT District Operations Engineer coordinates with the IDOT SEOC liaison and other organizations regarding the status of IDOT operations.
 - 3) The IDOT Districts coordinate with IDOT Station One/IDOT SEOC Liaison to receive information on the earthquake for the purposes of implementing pre-established inspection criteria.
- e) The following coordinating elements are provided in accordance the IEOP:
 - 1) State unified area command (SUAC)/State Area Command (SAC) elements may be deployed by the SEOC to coordinate information and resource requirements in impacted areas.

- (a) State agencies involved in the implementation of traffic management will deploy an agency liaison to each location in which a SUAC/SAC is activated.
 - (b) SUAC/SAC agency liaisons are delegated the role and responsibility for the accountability, notification, activation, deployment and coordination of resources within the operational area assigned to the SUAC/SAC by the SEOC.
- 2) One or more ESSFs may be implemented by the SEOC for specific strategic action planning for transportation management.
 - (a) ESSFs assigned to the SUAC/SAC operate under the authority of the SUAC/SAC commander.
 - (b) ESSF staffing will be determined by the SEOC manager and SUAC/SAC commander in coordination with SEOC agency liaisons.
- 3) The SEOC IDOT liaison will serve as the coordination point for transportation management and will maintain situational updates, develop required intelligence briefings, and provide critical and priority information to stakeholders, key-decision makers, executive officers and the SEOC.
 - (a) The SEOC IDOT liaison will coordinate directly with state agency representatives to ensure coordination of transportation information, situational awareness and intelligence.
 - (b) SEOC agency liaisons coordinating transportation management are required to maintain situational updates, develop required intelligence briefings, and provide critical and priority information to the SEOC.
- 4) SEOC IDOT liaisons may coordinate the use of county or local jurisdiction resources for assigned missions and tasking with the IPWMAN.
- f) As appropriate for the type, scope and magnitude of transportation management requirements, IDOT will coordinate the dissemination of reports of disruptions to potentially affected stakeholders, key-decision makers and executive officers.

- g) SEOC liaisons will coordinate information on the operations of local, state and private organizations implementing transportation management plans with the SEOC IDOT Liaison.

- 1. Federal Coordination

- a) IDOT will coordinate with the Federal Highway Administration (FHWA).
- b) Under a presidential declaration of a major disaster or emergency, SEOC will coordinate with the federal emergency Management Agency (FEMA) and federal counterparts when federal assets are required.

- D. System Capabilities and Structure

- 1. IDOT Resources in Impacted Areas

- a) IDOT resources in the impacted areas may be found in the IDOT AMP Asset Management Program, maintained by the IDOT Central Bureau of Operations.

- 2. IDOT Resources in Non-Impact Areas

- a) IDOT resources in the non-impacted areas can be found in the IDOT AMP Asset Management Program, maintained by the IDOT Central Bureau of Operations.

- 3. Identified Resource Requirements and Assistance

- a) Mutual Aid
- b) Compact
- c) Federal

- E. Resource and Logistical Requirements

- 1. Resource management and logistics will be carried out in accordance with IEOP Annex 9, Resource Management and Logistics.
- 2. Resource management includes mutual aid agreements and assistance agreements, the use of special federal and state teams, and resource mobilization protocols.

- III. Roles and Responsibilities

- A. Illinois Department of Transportation (IDOT)

- _____ 1) Determine resources available in IDOT districts for dissemination to impacted areas and identify those necessary for statewide continuation of critical processes and services.
- _____ 2) Coordinate the collection and dissemination of damage assessments to prioritize operations and determine resources allocations.
- _____ 3) Maintain an inventory of state and federal resources available for operations.
- _____ 4) Coordinate and manage the movement of resources into areas of critical need as appropriate to sustain implementation of the IDOT Earthquake Preparedness, Response and Recovery Plan.
- _____ 5) Assist in identifying staging areas for the receipt of SEOC approved resources.
- _____ 6) Coordinate distribution of existing IDOT resources and inventory; incoming resources from other districts; other sources/or central location.
- _____ 7) Coordinate activities with other agencies that support transportation management and operations.
- _____ 8) Determine staffing required and the need to request SEOC activation of ESSF Transportation Management.
- _____ 9) In coordination with IEMA PIO, SUAC and SEOC, ensure dissemination of public information messaging containing routing information for the motoring public.
- _____ 10) Collect, map and provide traffic information and route status.
- _____ 11) Ensure the coordination of prioritized inspections of critical transportation systems and infrastructure, including bridges and overpasses.
- _____ 12) Ensure the coordinated identification of primary, secondary and tertiary transportation routes.
- _____ 13) Ensure the tracking of resources staged, activated, deployed and implementation of approved missions and tasks.
- _____ 14) Provide routing information to the SEOC.
- _____ 15) Coordinate and ensure implementation of waiver requests weight, height and load requirements in accordance with IEOP Annex 4 Transportation, Appendix X-3, Waivers and Exemptions.

- _____ 16) Provide information to ICC concerning status of railroad infrastructure in the affected areas.
- _____ 17) Provide information to IDNR concerning status of waterways that have affected state roadways in the affected areas.
- _____ 18) Develop traffic management plans in coordination with ISP to facilitate the orderly ingress and egress of responders and the affected population.
- _____ 19) Ensure restoration and recovery of critical transportation systems and infrastructure.
- _____ 20) Coordinate the use of personnel and equipment for the transportation or relocation of resources, including personnel, supplies and equipment.
- _____ 21) Coordinate the use of personnel and equipment for technical assistance through civil engineers in the evaluation and repair of damages to airport facilities.

B. Illinois Commerce Commission (ICC)

- _____ 1) Coordinate information and intel sharing with utilities (to include electric, telecommunications and gas pipeline), railroads and emergency response personnel.
- _____ 2) Provide track safety and hazardous material inspectors.
- _____ 3) Coordinate requests for rerouting of trains.
- _____ 4) Coordinate the execution of requests for waivers/exemptions in accordance with IEOP Annex 4-X3, Waivers and Exemptions.

C. Illinois Department of Central Management Services (CMS)

- _____ 1) Provide and/or procure vehicles and specialized equipment for use in recovery operations.
- _____ 2) Maintain a list of fuel vendors on contract with the state, maintain cache of emergency fuel cards and assist in procurement of fuel for response vehicles.
- _____ 3) Assist in providing support for transportation of personnel and equipment with onsite repair, parts and service.
- _____ 4) Assist in the coordination of establishing refueling depots.

D. Illinois Department of Natural Resources (IDNR)

- _____ 1) Provide engineers and technical staff with expertise on dams and other water control structures.
- _____ 2) Provide trucks, bull dozers, excavators, scrapers and tractors, which can be used for debris removal or infrastructure repairs.
- _____ 3) Provide boats and trailers with operators, which can be used for law enforcement patrols, damage assessment of water control structures, and other emergency protective measures.
- _____ 4) Provide chainsaws, portable generators and pumps, which can be used to conduct disaster response activities.
- _____ 5) Provide support in the event of a catastrophic earthquake through use of Mines and Minerals Analytical Laboratory.
- _____ 6) Provide boats and operators for water transportation of personnel, supplies and equipment.
- _____ 7) Provide all-terrain vehicles, snow mobiles and four-wheel drive vehicles (pick-up trucks/sport utility vehicles).
- _____ 8) Provide side scan sonar capabilities to assist in evaluating underwater structures such as bridge supports, lock and dams, etc.

E. Illinois Department of Revenue (IDOR)

- _____ 1) Coordinate activities with other agencies that support transportation operations.
- _____ 2) Assist with waiver request procedures for the Motor Fuel Tax Law.
- _____ 3) Coordinate activities with other agencies to ensure proper notification regarding the waiver of the Motor Fuel Tax Law.
- _____ 4) Assist in the development of traffic management plans in coordination with IDOT to facilitate the orderly ingress and egress of responders in the impacted region.
- _____ 5) Provide Motor Fuel Tax Law waiver information to the motoring public and requesting organizations.
- _____ 6) Coordinate requests for waivers/exemptions in accordance with IEOP Annex 4-X3, Waivers and Exemptions.

F. Illinois Environmental Protection Agency (IEPA)

- _____ 1) Provide technical assistance on potential environmental considerations for transportation management operations.

G. Illinois National Guard (ING)

- _____ 1) Provide aerial reconnaissance to identify damaged infrastructure.
- _____ 2) Provide personnel and heavy equipment.
- _____ 3) Provide vehicles, aircraft and operators to move personnel, equipment and supplies.
- _____ 4) Assist in establishing fuel depots.

H. Illinois Secretary of State (SOS)

- _____ 1) Coordinate requests for waivers/exemptions in accordance with IEOP Annex 4-X3, Waivers and Exemptions.
- _____ 2) Assist in maintaining modes of transportation.
- _____ 3) Coordinate licensures, certifications and inspections of vehicles.
- _____ 4) Assist in verification of licensures and certifications for individuals.

I. Illinois State Police (ISP)

- _____ 1) Coordinate activities with other agencies that support transportation operations.
- _____ 2) Assist in placement of traffic control devices, barricades, signage, etc.
- _____ 3) Provide routing information to the motoring public and requesting organizations.
- _____ 4) Collect, map and provide traffic information and route status.
- _____ 5) Assist in identifying primary, secondary and tertiary transportation routes and implement tracking of resources.
- _____ 6) Assist in executing waiver request procedures for weight, height and load and hours of service requirements.
- _____ 7) Assist in establishing and securing fueling depots.
- _____ 8) Develop traffic management plans in coordination with IDOT to facilitate the orderly ingress and egress of responders and the affected population.

- _____ 9) Provide traffic control and expedited routing for supply missions or personnel movements.
- _____ 10) Provide ISP aircraft in support of operations.
- _____ 11) Coordinate requests for execution of waivers/exemptions in accordance with IEOP Annex 4-X3, Waivers and Exemptions.

J. Illinois Public Works Mutual Aid Network (IPWMAN)

- _____ 1) Provide volunteer resources in support of local operations.
- _____ 2) Coordinate activities with other agencies that support transportation operations.
- _____ 3) Assist in placement of traffic control devices, barricades, signage, etc.
- _____ 4) Provide routing information to the motoring public and requesting organizations.
- _____ 5) Assist in inspections of critical transportation systems and infrastructure including bridges and overpasses.
- _____ 6) Assist in waiver request procedures for local jurisdiction weight, height and load requirements.
- _____ 7) Assist with identification of fueling facilities and depots.
- _____ 8) Assist in the development and dissemination of local jurisdiction traffic management plans.
- _____ 9) Assist in the restoration and recovery of critical transportation systems and infrastructure.
- _____ 10) Assist in providing damage assessment and transportation assistance for state and federal disaster relief officials.
- _____ 11) Assist in identifying facilities to serve as transportation resource staging areas.

IV. Authorities and References

Authorities and References are located within the IEOP, Annex – H1 Earthquake for all supporting agencies and organizations.